Serial No. : 10/054,633

Page: 3

Amendments to the Claims:

This listing of claims will replace all prior versions and listings of claims in the present application:

1-252 (canceled).

253 (new): A unitary light module for illuminating an interior portion of a vehicle, the vehicle having a battery/ignition voltage, said unitary light module consisting of:

a housing having an inner surface forming a reflector and an outer surface having a plurality of heat dissipating fins;

a single high-intensity power light emitting diode located inside said housing, said reflector at least one of directing and shaping light from said single high-intensity power light emitting diode toward a light output area of said housing;

a lens covering said light output area of said housing, said lens at least one of directing and shaping light from said single high-intensity power light emitting diode toward an incident area of the vehicle; and

a voltage conversion element adjacent said housing opposite said lens, said voltage conversion element including a DC step-down converter, said DC step-down converter adapted for reducing the battery/ignition voltage of the vehicle to less than 5 volts and increasing the current to at least 100 milliamps, and powering said single high-intensity power light emitting diode to deliver a luminous efficiency of at least 1 lumen/watt.

254 (new): The unitary light module of claim 253, wherein said single high-intensity power light emitting diode comprises a single high-current high-intensity power light emitting diode.

255 (new): The unitary light module of claim 253, wherein said single high-intensity power light emitting diode delivers said luminous efficiency of at least about 1 lumen/watt when operated at a forward current of at least about 100 milliamps and a forward operating voltage less than about 5 volts.

Serial No. : 10/054,633

Page : 4

256 (new): The unitary light module of claim 255, wherein said single high-intensity power light emitting diode emits a luminous flux of at least about 10 lumens when conducting at least about 250 milliamps forward current.

257 (new): The unitary light module of claim 253, wherein said voltage conversion element has an output voltage and an output current, whereby a ratio of an input voltage of said voltage conversion element to said output voltage of said voltage conversion element is at least about 2 to 1 and wherein the ratio of an input current of said voltage conversion element to said output current of said voltage conversion element is at least about 1 to 2.

258 (new): The unitary light module of claim 257, wherein said ratio of said input voltage of said voltage conversion element to said output voltage of said voltage conversion element is at least about 4 to 1.

259 (new): The unitary light module of claim 258, wherein said ratio of said input voltage of said voltage conversion element to said output voltage of said voltage conversion element is at least about 6 to 1.

260 (new): The unitary light module of claim 257, wherein said output current is at least about 250 milliamps.

261 (new): The unitary light module of claim 257, wherein said output current is at least about 350 milliamps.

262 (new): The unitary light module of claim 257, wherein said output voltage is at least about 2 volts.

263 (new): The unitary light module of claim 257, wherein said output voltage is in a range from about 2 to about 5 volts.

Applicants

: Niall R. Lynam and John O. Lindahl

Serial No.

: 10/054,633

Page

: 5

264 (new): The unitary light module of claim 253, wherein said heat dissipation fins are adapted to dissipate heat from said single high-intensity power light emitting diode when said single high-intensity power light emitting diode is activated.

265 (new): The unitary light module of claim 253, wherein said heat dissipation fins include a heat dissipation surface area of at least about 1 square inch.

266 (new): The unitary light module of claim 265, wherein said heat dissipation fins comprise a plurality of fins that provide said heat dissipation surface area.

267 (new): The unitary light module of claim 253, wherein said single high-intensity power light emitting diode is thermally coupled to said heat dissipation fins.

268 (new): The unitary light module of claim 253, wherein said heat dissipating fins comprise metal fins having a high heat conductivity.

269 (new): The unitary light module of claim 268, wherein said metal fins comprise a metallic material chosen from copper, a copper alloy, aluminum, and brass.

270 (new): The unitary light module of claim 253, wherein said reflector comprises a heat sink.

271 (new): The unitary light module of claim 270, wherein said reflector comprise a metal reflector having a high heat conductivity.

272 (new): The unitary light module of claim 271, wherein said metal reflector comprises a metallic material chosen from copper, a copper alloy, aluminum, and brass.

Serial No. : 10/054,633

Page: 6

273 (new): The unitary light module of claim 253, wherein said reflector dissipates heat from said single high-intensity power light emitting diode and directs light from said single high-intensity power light emitting diode.

274 (new): The unitary light module of claim 253, wherein said single high-intensity power light emitting diode dissipates at least about one watt of power when operated.

275 (new): The unitary light module of claim 253, wherein said single high-intensity power light emitting diode dissipates at least about 1.5 watts of power when operated.

276 (new): The unitary light module of claim 253, wherein said single high-intensity power light emitting diode dissipates at least about 2 watts of power when operated.

277 (new): The unitary light module of claim 253, wherein said reflector is configured to shape light emitted from said single high-intensity power light emitting diode.

278 (new): The unitary light module of claim 253, wherein said single high-intensity power light emitting diode operates at an operational voltage that is less than a percentage of the battery/ignition voltage of the vehicle to which said accessory module assembly is adapted to attach, wherein said percentage is about 50 percent.

279 (new): The unitary light module of claim 253, wherein said single high-intensity power light emitting diode operates at an operational voltage that is less than a percentage of the battery/ignition voltage of the vehicle to which said accessory module assembly is adapted to attach, wherein said percentage is about 35 percent.

280 (new): The unitary light module of claim 253, wherein said single high-intensity power light emitting diode operates at an operational voltage that is less than a percentage of the battery/ignition voltage of the vehicle to which said accessory module assembly is adapted to attach, wherein said percentage is about 20 percent.

Serial No. : 10/054,633

Page: 7

281 (new): The unitary light module of claim 253, wherein the battery/ignition voltage is about 12 volts nominal.

282 (new): The unitary light module of claim 253, wherein the battery/ignition voltage is a range of about 12 volts nominal to about 42 volts nominal.

283 (new): The unitary light module of claim 253, wherein said lens comprises one of a diffractive optical element and a refractive optical element.

284 (new): The unitary light module of claim 253, wherein said lens comprises a lens chosen from a fresnel-optic lens, a binary-optic lens, a diffusive-optic lens, a holographic-optic lens, and a sinusoidal-optic lens.

285 (new) The unitary light module of claim 253, wherein said unitary light module is configured to be removably attached to an interior portion of a vehicle.

286 (new): The unitary light module of claim 253, wherein said unitary light module is adapted for attachment to an interior portion of a vehicle.

287 (new) The unitary light module of claim 253, wherein said unitary light module is configured to be attached to an interior rearview mirror assembly of a vehicle.

288 (new) The unitary light module of claim 253, wherein said unitary light module is configured to be attached to a header portion of a vehicle.

289 (new): The unitary light module of claim 253, wherein the incident area of the vehicle is at a distance of greater than about 20 inches from said unitary light module when said unitary light module is attached to an interior portion of a vehicle.

Serial No. : 10/054,633

Page: 8

290 (new): The unitary light module of claim 253, wherein the incident area of the vehicle is at a distance of less than about 40 inches from said unitary light module when said unitary light module is attached to an interior portion of the vehicle.

291 (new): The unitary light module of claim 253, wherein the incident area of the vehicle is at a distance in a range of about 20 to 40 inches from said unitary light module when said unitary light module is attached to an interior portion of the vehicle.